

TECHNICAL SPECIFICATIONS

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Note to Bidders:

The Bidder is to note that the specifications contained under Part 7 is only an additional specifications to supplement the Technical Specifications contained in Part 1 to Part 6, and shall only be referred to in the case where, the specifications in Part 1 to 6 is not adequate. The Technical Specifications contained in Part 1 to 6 shall take precedence over Part 7.

TECHNICAL SPECIFICATIONS

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137	QUALITY ASSURANCE
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142	N/A

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SERIES 500	DRAINAGE
SERIES 600	EARTHWORKS
SERIES 700	FLEXIBLE PAVEMENT: GENERAL
SERIES 800	SUBGRADE, DRAINAGE LAYER AND CEMENT TREATED BASE (CTB)
SERIES 900	FLEXIBLE PAVEMENT
SERIES 1000	RIGID PAVEMENT
SERIES 1100	INTERLOCKING CONCRETE PAVEMENT
SERIES 1200	SIGNBOARDS AND PAVEMENT MARKINGS
SERIES 1300	PILING
SERIES 1400	FORMWORK AND SURFACE FINISH FOR STRUCTURES
SERIES 1500	STEEL REINFORCEMENT
SERIES 1600	CONCRETE FOR STRUCTURES
SERIES 1700	NOT USED
SERIES 1800	STRUCTURAL STEELWORK
SERIES 1900	PROTECTION OF STEELWORK AGAINST CORROSION
SERIES 2000	WATERPROOFING AND DAMP-PROOFING FOR STRUCTURES
SERIES 2100	NOT USED
SERIES 2200	NOT USED
SERIES 2300	NOT USED
SERIES 2400	BRICKWORK
SERIES 2500	MASONRY FOR STRUCTURES
SERIES 2600	MATERIALS
SERIES 2700	SEWERAGE WORKS
SERIES 2800	NOT USED
SERIES 2900	TESTING OF MATERIALS AND WORMANSHIP

SERIES 3000	IN-SITU TESTING
SERIES 3100	PAVEMENT MARKINGS
SERIES 3200	PAINTING
SERIES 3300	WOODWORKS
SERIES 3400	PIPEWORKS, VALVES AND FITTINGS
SERIES 3500	AGL CIVIL WORKS

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B COLD WATER AND SANITARY PLUMBING

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SECTION 4	PIPEWORK
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SECTION 6	PAINTING & LABELLING
SECTION 7	ELECTRICAL DETAILS
SECTION 8	VIBRATION AND NOISE ISOLATION
SECTION 9	BALANCING, TESTING AND COMMISSIONING
SECTION 10	CARBON DIOXIDE SYSTEM
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SECTION 1	LIFT SPECIFICATION
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E BIRD CONTROL & REDUCTION SERVICES

SECTION 2	SPECIFICATION FOR BIRD CONTROL & REDUCTION SERVICES
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F OVERHEAD CRANE SERVICES

SECTION 1	SPECIFICATION FOR OVERHEAD CRANE SERVICES
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SCHEDULE OF TECHNICAL DATA – MECHANICAL

SCHEDULE OF TECHNICAL DATA FOR AIR CONDITIONING AND VENTILATION SERVICES
SCHEDULE OF TECHNICAL DATA FOR COLD WATER AND SANITARY PLUMBING SERVICES
SCHEDULE OF TECHNICAL DATA FOR LIFT SERVICES
SCHEDULE OF TECHNICAL DATA FOR FIRE PROTECTION AND PREVENTING SYSTEM
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SECTION 40	TESTING, COMMISSIONING, INSPECTIONS AND CERTIFICATIONS
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PART 5 AERONAUTICAL GROUND LIGHTING (AGL) SPECIFICATIONS

SERIES 3600 AERONAUTICAL GROUND LIGHTING (AGL) SYSTEM
SERIES 3700 APRON FLOODLIGHTING

PART 6 SPECIALISED ITEMS SPECIFICATIONS

SERIES 4000 AIRPORT LIGHTING CONTROL AND MONITORING SYSTEM (ALCMS)
SERIES 4100 DVOR/DME
SERIES 4200 AIR TRAFFIC CONTROL TOWER INTERGRATED WORKSTATIONS AND CONSOLE

PART 7 ADDITIONAL SPECIFICATIONS

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1. DIVISION 1 GENERAL REQUIREMENT

01320 Surveying Service
01400 Concrete Test
01510 Temporary Utilities

2. DIVISION 2 SITE CONSTRUCTION

02200 Site Preparation and Grading
02200 Demolition
02230 Site Clearing
02315 Excavation, Backfilling and Compaction
02335 Subgrade Preparation
02365 Termite Control
02465 Bored Piled
02500 Utility Services
02525 Absorption Well
02540 Septic Tank and Absorption
02721 Sub-base
02722 Base Course
02740 Asphaltic Concrete Pavement

02780 Concrete Block Pavement
02820 Fences and Gates
02900 Landscape Work

3. DIVISION 3 CONCRETE

03210 Reinforcing Steel
03300 Cast-in-Place Concrete
03400 Precast Concrete
03600 Grout

4. DIVISION 4 MASONRY

04060 Cement Mortar
04210 Brick Masonry Unit
04270 Glass Block
04400 Stone Masonry

5. DIVISION 5 METALS

05120 Structural Steel
05500 Miscellaneous Metals

6. DIVISION 6 WOOD AND PLASTIC

06200 Finish Carpentry
06410 Cabinets

7. DIVISION 7 THERMAL AND MOISTURE

07100 Waterproofing
07210 Building Insulation
07410 Metal Roofing and Sliding
07456 Fibre Cement Panel
07600 Flashing and Sheet Metal
07920 Joint Sealants

8. DIVISION 8 DOORS AND WINDOWS

08210 Wood Doors, Windows and Frames
08350 Folding Door
08450 Glass Doors
08700 Finish Hardware
08800 Glass and Glazing

9. DIVISION 9 FINISHES

09250 Gypsum Board
09310 Ceramic Tiles

09500 Ceilings
09630 Granite
09680 Carpet
09910 Paints
09930 Transparent Coating

10. DIVISION 10 SPECIALITIES

10150 Toilet Cubicles
10185 Shower Cubicles
10270 Raised Floor System
10350 Flagpole
10400 Signs
10525 Fire Extinguishers
10600 Partitions
10810 Toilet Accessories

11. DIVISION 11 EQUIPMENT

11390 Sewage Treatment Unit

12. DIVISION 13 SPECIAL CONSTRUCTION

13100 Lightning Protection and Grounding Syst
13850 Fire Alarm System

13. DIVISION 15 MECHANICAL

15100 Plumbing System
15410 Plumbing Fixtures
15700 Ventilating and Air Conditioning System

14. DIVISION 16 ELECTRICAL

16225 Diesel Generator Set
16270 Transpormer
16400 Low Voltage Distribution
16500 Lighting
16700 Communication System
18820 Sound System